Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090321\
Data File : BF125348.D
Acq On : 3 Sep 2021 16:03
Operator : JU/CG
Sample : M3606-03MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BPU-2MS

Manual Integrations APPROVED
mohammad
9/7/2021 11:36:43 AM

Quant Time: Sep 03 16:36:13 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 03 11:56:34 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.898	152	179656	20.000	ng		0.00
21) Naphthalene-d8	8.181	136	687220	20.000	ng	#	0.00
39) Acenaphthene-d10	9.939	164	356406	20.000	ng		0.00
64) Phenanthrene-d10	11.427	188	611150	20.000	ng		0.00
76) Chrysene-d12	14.069	240	363205	20.000	ng	#	0.00
86) Perylene-d12	15.563	264	348709	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.522	112	616384	51.930	ng		0.00
7) Phenol-d6	6.528	99	491208	31.998	ng		0.00
23) Nitrobenzene-d5	7.463	82	1094362	80.170	ng		0.00
42) 2,4,6-Tribromophenol	10.733	330	486993	136.883	ng		0.00
45) 2-Fluorobiphenyl	9.257	172	1881555	73.578	ng		0.00
79) Terphenyl-d14	13.010	244	1943903	85.264	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.746	88	93390	15.945	ng	#	100
3) Pyridine	3.510	79	193404	12.509	ng	#	92
4) n-Nitrosodimethylamine	3.452	42	116731	15.087	ng	#	34
6) Aniline	6.563	93	431825	23.948	ng		97
8) 2-Chlorophenol	6.687	128	392401	32.407	ng		86
9) Benzaldehyde	6.451	77	400492	37.175	ng		93
10) Phenol	6.540	94	223305	13.891	ng		95
11) bis(2-Chloroethyl)ether	6.634	93	507721	40.102	ng		87
12) 1,3-Dichlorobenzene	6.840	146	494844	35.267	ng		98
13) 1,4-Dichlorobenzene	6.916	146	500623	35.808	ng		98
14) 1,2-Dichlorobenzene	7.069	146	484561	36.839	ng		97
15) Benzyl Alcohol	7.040	79	299607	25.349	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.169	45	952675	37.520	ng		96
17) 2-Methylphenol	7.151	107	269913	26.536	ng		96
18) Hexachloroethane	7.410	117	177092	36.173	ng	#	87
19) n-Nitroso-di-n-propyla...	7.310	70	371458	40.230	ng	#	75
20) 3+4-Methylphenols	7.304	107	276728	21.674	ng	#	40
22) Acetophenone	7.310	105	678986	38.390	ng	#	97
24) Nitrobenzene	7.481	77	560815	37.704	ng	#	87
25) Isophorone	7.722	82	1018072	38.661	ng	#	90
26) 2-Nitrophenol	7.798	139	255325	42.989	ng	#	82
27) 2,4-Dimethylphenol	7.834	122	348701	33.537	ng		90
28) bis(2-Chloroethoxy)met...	7.928	93	633932	43.478	ng	#	97
29) 2,4-Dichlorophenol	8.039	162	386895	36.486	ng		96
30) 1,2,4-Trichlorobenzene	8.122	180	426532	36.887	ng		94
31) Naphthalene	8.204	128	1272065	36.143	ng		99
32) Benzoic acid	7.916	122	59134	8.379	ng		89
33) 4-Chloroaniline	8.251	127	326541	23.535	ng	#	91
34) Hexachlorobutadiene	8.316	225	268384	36.400	ng		99
35) Caprolactam	8.622	113	21059m	7.667	ng		
36) 4-Chloro-3-methylphenol	8.728	107	387729	35.817	ng		93
37) 2-Methylnaphthalene	8.898	142	897667	38.598	ng		100
38) 1-Methylnaphthalene	8.998	142	830288	38.230	ng		96
40) 1,2,4,5-Tetrachloroben...	9.063	216	453731	38.966	ng		98
41) Hexachlorocyclopentadiene	9.045	237	449473	73.470	ng		98
43) 2,4,6-Trichlorophenol	9.175	196	314920	38.409	ng		96

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.210	196	330356	38.298	ng		94
46)	1,1'-Biphenyl	9.363	154	1040016	36.195	ng		99
47)	2-Chloronaphthalene	9.386	162	875015	37.474	ng		97
48)	2-Nitroaniline	9.481	65	317700	43.893	ng	#	82
49)	Acenaphthylene	9.804	152	1308240	38.449	ng		98
50)	Dimethylphthalate	9.663	163	1024995	41.500	ng	#	98
51)	2,6-Dinitrotoluene	9.722	165	227715	42.520	ng	#	80
52)	Acenaphthene	9.975	154	773899	36.689	ng		98
53)	3-Nitroaniline	9.892	138	156500	27.097	ng	#	75
54)	2,4-Dinitrophenol	10.004	184	231896	109.620	ng	#	81
55)	Dibenzofuran	10.145	168	1136145	37.427	ng		98
56)	4-Nitrophenol	10.051	139	122883	26.868	ng	#	75
57)	2,4-Dinitrotoluene	10.128	165	296553	45.752	ng	#	97
58)	Fluorene	10.492	166	901417	40.165	ng		97
59)	2,3,4,6-Tetrachlorophenol	10.263	232	256753	40.109	ng	#	83
60)	Diethylphthalate	10.357	149	1002685	41.643	ng		98
61)	4-Chlorophenyl-phenyle...	10.480	204	458183	40.378	ng	#	85
62)	4-Nitroaniline	10.510	138	216289	41.646	ng	#	82
63)	Azobenzene	10.639	77	1040733	38.535	ng		90
65)	4,6-Dinitro-2-methylph...	10.539	198	158100	48.878	ng		83
66)	n-Nitrosodiphenylamine	10.598	169	859973	39.298	ng		98
67)	4-Bromophenyl-phenylether	10.969	248	311984	42.511	ng		91
68)	Hexachlorobenzene	11.039	284	329425	43.634	ng	#	80
69)	Atrazine	11.128	200	282272	44.952	ng		90
70)	Pentachlorophenol	11.233	266	335761	76.166	ng		91
71)	Phenanthrene	11.457	178	1315534	39.066	ng		97
72)	Anthracene	11.504	178	1347345	40.593	ng		97
73)	Carbazole	11.657	167	1147553	37.834	ng		100
74)	Di-n-butylphthalate	11.980	149	1502797	41.752	ng		99
75)	Fluoranthene	12.639	202	1312156	39.270	ng		96
77)	Benzidine	12.763	184	583518	46.001	ng		99
78)	Pyrene	12.874	202	1315515	42.224	ng		97
80)	Butylbenzylphthalate	13.480	149	548252	44.784	ng		88
81)	Benzo(a)anthracene	14.057	228	1051970	40.199	ng		100
82)	3,3'-Dichlorobenzidine	14.016	252	289295	35.663	ng		99
83)	Chrysene	14.098	228	1031521	39.858	ng		98
84)	Bis(2-ethylhexyl)phtha...	14.039	149	758654	45.088	ng	#	99
85)	Di-n-octyl phthalate	14.651	149	1175141	41.992	ng		97
87)	Indeno(1,2,3-cd)pyrene	17.074	276	1181550	47.033	ng	#	91
88)	Benzo(b)fluoranthene	15.121	252	978473	38.408	ng	#	95
89)	Benzo(k)fluoranthene	15.151	252	973898	40.967	ng		99
90)	Benzo(a)pyrene	15.498	252	951300	42.273	ng	#	97
91)	Dibenzo(a,h)anthracene	17.092	278	980170	45.137	ng	#	96
92)	Benzo(g,h,i)perylene	17.539	276	1026985	49.049	ng	#	88

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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